Appln. No. 10/735,437

Amdt. Dated October 8, 2004

Reply to Office Action of June 8, 2004

Attorney Docket No. 3097-4008US1

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A composition useful for hepatoprotection, said composition comprising an effective amount of a polar solvent extract (A001) from the plant *Cryptolepis* buchanani; and optionally pharmaceutically acceptable additives.

2. (currently amended) [[A]]<u>The</u> composition as claimed in claim 1, wherein said additives are selected from a group of nutrients comprising consisting essentially of proteins, carbohydrates, sugar, tale, magnesium stearate, cellulose, calcium carbonate, <u>and starch-gelatin paste[[,]]</u>; and/or a pharmaceutically acceptable carrier, excipient, diluent, or solvent.

3. (currently amended) [[A]]<u>The</u> composition as claimed in claim 1, wherein <u>the polar</u> solvent[[s are]]<u>is</u> selected from a

group <u>comprising</u> <u>consisting essentially of</u> alcohol, rectified spirit, aqueous rectified spirit, and water.

- 4. (currently amended) [[A]]<u>The</u> composition as claimed in claim 1, wherein said extract and additives are in the ratio ranging between 1:1 to 1:10.
- 5. (currently amended) A method of preparing <u>a polar solvent extract A001</u> and its four fractions F001, F002, F003, and F004 from plant *Cryptolepis buchanani* having hepatoprotective activity, said method comprising:
 - (i) powdering said plant,
 - (ii) percolating said powder in cold with <u>a polar solvent</u>,

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- (iii) concentrating said percolate to prepare a polar solvent extract (A001),
- (iv) triturating said extract successively with solvents of increasing polarity using hexane and chloroform,
 - (v) collecting fractions F001 and F002 respectively with said solvents and a residue,
 - (vi) partioning said residue between n-butanol and water of ratio 5:1, and
- (vii) collecting the n-butanol soluble fraction (F003) and the water soluble fraction (F004).
- 6. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>a root and an</u> aerial part of said plant are preferred plant parts for said activity.
- 7. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein polar solvent is selected from a group <u>consisting essentially of</u>eomprising methanol, propanol, and ethanol.
- 8. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the polar</u> solvent is <u>preferably</u> 95% ethanol.
- 9. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the percolated</u> plant in polar solvent is at a concentration ranging between 100[[-]] and 500gms/liter.
- 10. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the percolation</u> is for <u>a time duration ranging between 14[[-]] and 18 hours.</u>
- 11. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the</u> percolated extract is concentrated by evaporation under reduced pressure.
- 12. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the</u> percolated extract is concentrated at a temperature ranging between 40° C and [[-]]50° C.

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13. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the</u> percolated extract is concentrated at a temperature preferably of about 45° C.

14. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the</u> percolated extract is finally dried in <u>a vacuum</u>.

15. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein <u>the</u> trituration rate <u>is ranging ranges</u> between 15[[-]] <u>and 35 ml/minute</u>.

16. (currently amended) [[A]]The method as claimed in claim 5, wherein the trituration rate is preferably about 23 ml/minute.

17. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein triturating with each of the said solvents <u>occurs</u> for <u>a</u> time duration ranging between 20 [[to]]<u>and</u> 40 minutes.

18. (currently amended) [[A]]<u>The</u> method as claimed in claim 5, wherein said fractions have <u>a</u> concentration of :

- (a) F001 about 11% (w/w),
- (b) F002 about 15 % (w/w),
- (c) F003 about 40% (w/w), and
- (d) F004 about 35% (w/w).

19. (currently amended) A composition useful for hepatoprotection, said composition comprising an effective amount of the fraction F003 of claim 5 from plant *Cryptolepis* buchanani, and optionally pharmaceutically acceptable additives.

20. (currently amended)) [[A]]<u>The</u> composition as claimed in claim 19, wherein <u>said</u> additives are selected from a group of nutrients comprising consisting essentially of proteins,

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carbohydrates, sugar, talc, magnesium stearate, cellulose, calcium carbonate, <u>and starch-gelatin</u> paste[[,]]; and/or <u>a pharmaceutically acceptable carrier</u>, excipient, diluent, or solvent.

21. (currently amended) [[A]]The composition as claimed in claim 19, wherein said fraction and additives are in a ratio ranging between 1:1 [[to]]and 1:10.

22-34. (cancelled)